



Dart Aerospace Ltd.  
1270 Aberdeen St  
Hawkesbury, ON  
K6A 1K7  
Canada

Tel (613) 632-5200  
Fax 613 632-5246

**D4151-041**  
**Job Sheet 182356**



Part No: D4151-041

Job Qty: 4 ea

Part Name: Basket Fwd Hardpoint Assembly, Lower



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 8/23/18

Job Tracking No:

Due Date: 9/7/18

Created By: Marie Lajeunesse

Type: Stock

Description:

Note: DWG REV C SHEET 1 IPP Rev:A 10.06.24 new issue DD ver:EC IPP Rev:B 10.07.22 as per revB DD  
verf:JLM IPP Rev:C 11.01.21 as per dwg revC DD verf:JLM

Ship Via:

### Bill of Materials

### Job Routing

| Op No | Operation          | Qty   | Start Date | Due Date | Standard  |         | Workcenter/Supplier   |           | Sign-off    |
|-------|--------------------|-------|------------|----------|-----------|---------|-----------------------|-----------|-------------|
|       |                    |       |            |          | Setup hrs | Run Hrs | Workcenter / Supplier | Lead Time |             |
| 90    | Start up Operation | 4 Ea  | 9/7/18     | 9/7/18   | 0.00      | 0.00    | Start Up Small Fab-3  | 9-8-89    | AUG 24 2018 |
| 100   | Small Fab          | 4 pcs | 9/7/18     | 9/7/18   | 0.00      | 0.34    | Small Fab-6           | 9-8-89    | Smb DAS 38  |
| 110   | QC                 | 4 pcs | 9/7/18     | 9/7/18   | 0.00      | 0.00    | QC5                   | 9-8-89    | 38          |
| 120   | Packaging          | 4 pcs | 9/7/18     | 9/7/18   | 0.00      | 0.00    | Packaging3-2          | 9-8-89    | AUG 31 2018 |
| 130   | QC21-SA            | 4 Ea  | 9/7/18     | 9/7/18   | 0.00      | 0.00    | QC21                  | 9-8-89    | AUG 31 2018 |

### Job BOM

| Part / Item   | Component Name        | Quantity     | Operation             | Container |
|---------------|-----------------------|--------------|-----------------------|-----------|
| AN4C13A       | Bolt                  | 8 Ea (2 ea)  | 90-Start up Operation | 5087/21   |
| D4151-1       | Lower Hardpoint Plate | 8 Ea (2 ea)  | 90-Start up Operation | 5087/837  |
| D4151-5       | Fwd Basket Instl Stud | 4 Ea (1 ea)  | 90-Start up Operation | 5085/303  |
| MS21043-4     | Nut                   | 8 Ea (2 ea)  | 90-Start up Operation | 5089/227  |
| NAS1149C0432R | Washer                | 16 Ea (4 ea) | 90-Start up Operation | 5050052   |

### Job Allocations

| Operation             | Component Part | Required | Inventory | Allocated |
|-----------------------|----------------|----------|-----------|-----------|
| 90-Start up Operation | AN4C13A        | 16 8     | 221       | 0         |
|                       | D4151-1        | 10 8     | 19        | 0         |
|                       | D4151-5        | 5 4      | 12        | 0         |
|                       | MS21043-4      | 10 8     | 1,308     | 0         |
|                       | NAS1149C0432R  | 20 16    | 3,019     | 0         |

### Part Specifications

Specifications could not be found.

Plex 8/23/18 8:49 AM Dart.lajeunesse.marie

005/153



DQA: \_\_\_\_\_ Date: \_\_\_\_\_

## WORK ORDER NON-CONFORMANCE / UPDATE



QA Closed: \_\_\_\_\_ Date: \_\_\_\_\_

Work Order update only ☐

|                                                              |                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |                                   |
|--------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|-----------------------------------|
| Work Order: _____<br><br>Part No. _____<br><br>NCR No. _____ | <b>DISPOSITION</b><br><br>Rework <input type="checkbox"/><br>Scrap <input type="checkbox"/><br>Use-as-is <input type="checkbox"/><br>Suspected Unapproved <input type="checkbox"/> | <b>AGAINST DEPARTMENT/PROCESS</b><br><br><div style="display: flex; justify-content: space-between;"> <div>           Skid-tube <input type="checkbox"/><br/>           Machining <input type="checkbox"/><br/>           Thermoforming <input type="checkbox"/><br/>           Large Fab <input type="checkbox"/> </div> <div>           Cross tube <input type="checkbox"/><br/>           Small Fab <input type="checkbox"/><br/>           Finishing <input type="checkbox"/><br/>           Composite <input type="checkbox"/> </div> <div>           Water Jet <input type="checkbox"/><br/>           Prod. Eng. Coord. <input type="checkbox"/><br/>           Rec/Store/Packaging <input type="checkbox"/> </div> <div>           Engineering <input type="checkbox"/><br/>           Quality <input type="checkbox"/><br/>           Other <input type="checkbox"/> </div> </div> |  |  |                                   |
| Date : _____                                                 | Step #: _____                                                                                                                                                                      | QTY Effective : _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  | Approval <input type="checkbox"/> |
| Description Work Order Deviation                             |                                                                                                                                                                                    | Disposition                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |                                   |
|                                                              |                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |                                   |

By \_\_\_\_\_  
 Supervisor \_\_\_\_\_  
 Coordinator \_\_\_\_\_

Part: D4151 - 041  
 Job No: 182356  
 Serial No/Batch: S104907

Revision: \_\_\_\_\_  
 Inspector: \_\_\_\_\_  
 Exp Date: \_\_\_\_\_  
 Instructions: Various STC's

Date: 08/24/18

Container No: S104907

Dart Aerospace Ltd.  
 1276 Aberdeen Street  
 Hawkesbury, ON K6A 1K7  
 CANADA  
 TEL.: 1 813 632-5200  
 Email: sales@dartaero.com  
 www.dartaerospace.com

| Root Cause                                  |                                                |                                                 | FAULT CATEGORY                                             |                                                |                                            |
|---------------------------------------------|------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|------------------------------------------------|--------------------------------------------|
| Environment <input type="checkbox"/>        | No Re-verification <input type="checkbox"/>    | Pressure/Forced <input type="checkbox"/>        | Temperature/Cure <input type="checkbox"/>                  | Pc <input type="checkbox"/>                    | Wrong _____                                |
| Design <input type="checkbox"/>             | Operator <input type="checkbox"/>              | Bending <input type="checkbox"/>                | Set-up <input type="checkbox"/>                            | Fc <input type="checkbox"/>                    | mensions. _____                            |
| Doc/Data <input type="checkbox"/>           | Offset/Setup <input type="checkbox"/>          | Centre Not Concentric <input type="checkbox"/>  | BOM/Route <input type="checkbox"/>                         | Grain <input type="checkbox"/>                 | or tolerance _____                         |
| Equip/Tooling <input type="checkbox"/>      | Supplier <input type="checkbox"/>              | Cracks <input type="checkbox"/>                 | Broken/Damage/Defect <input type="checkbox"/>              | Weld <input type="checkbox"/>                  | Part Incorrect <input type="checkbox"/>    |
| Handling/Pre <input type="checkbox"/>       | Training <input type="checkbox"/>              | Crimp/Kink/Ripple/Wave <input type="checkbox"/> | Inspection Incomplete/Unqualified <input type="checkbox"/> | Wrong Stock Pulled <input type="checkbox"/>    | Part Lost/Missing <input type="checkbox"/> |
| Material <input type="checkbox"/>           | Use for Testing <input type="checkbox"/>       | Cuffs <input type="checkbox"/>                  | Contamination <input type="checkbox"/>                     | Out of Sequence <input type="checkbox"/>       | Part Moved <input type="checkbox"/>        |
| Internal Transport <input type="checkbox"/> | Poor Information <input type="checkbox"/>      | Crushing <input type="checkbox"/>               | Countersink <input type="checkbox"/>                       | Off-set <input type="checkbox"/>               | Drawing <input type="checkbox"/>           |
| Tribal Knowledge <input type="checkbox"/>   | Rushing <input type="checkbox"/>               | Heat Treat <input type="checkbox"/>             | Cut Too Short <input type="checkbox"/>                     | Mislabeled <input type="checkbox"/>            | Finish <input type="checkbox"/>            |
| LOA <input type="checkbox"/>                | Product Improvement <input type="checkbox"/>   | Wave/Twist in Tube <input type="checkbox"/>     | Instructions Incomplete/Unclear <input type="checkbox"/>   | Fit/Function <input type="checkbox"/>          | Misread <input type="checkbox"/>           |
| Substation <input type="checkbox"/>         | Process Improvement <input type="checkbox"/>   | Marks/Chatter <input type="checkbox"/>          | Drill Holes <input type="checkbox"/>                       | Misaligned/off center <input type="checkbox"/> | Turning Sequence <input type="checkbox"/>  |
| Past Expiry Date <input type="checkbox"/>   | Manufacturing Process <input type="checkbox"/> | OTHER : _____                                   |                                                            |                                                |                                            |
| Misidentified <input type="checkbox"/>      | Past Due <input type="checkbox"/>              |                                                 |                                                            |                                                |                                            |